

" AMERICAN IONOSPHERIC PROPAGATION ASSOCIATION "

Art Collins-President  
68 Amber St.  
Buffalo 20, N.Y.

( TV-DX )

King Schafer-V.Pres.  
360 Zimmerman Blvd.  
Kenmore 17, N.Y.

Vol 6 Number 9

Page one

October 6, 1959

AIPA BULLETIN-- Published first week of each month. 12 issues per year.  
MEMBERSHIP-- \$3.00 per year. (Entitles one to monthly bulletins, report forms, Membership Card & Miscellaneous items.) Payable to President....  
Canadian Membership \$3.25 Foreign membership \$5.00. (higher postals.)  
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EDITORIAL...

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Now rather than project into a DX lull, the energetic Cooper is going right ahead with a rather bold plan in the form of publishing his own magazine to cover the TV and FM DX fields. Yes the "Journal of TV and FM DX" will soon be a reality. All DXers without question have much to look forward to in this new publication. This magazine of course will not be similar to the A.I.P.A.s non profit-club type organization, but rather a commercial profit seeking operation, which is all well and good. The "Journal" will be able to reproduce DXers photos, which the poor old A.I.P.A. just can't do! Yes, come Jan. 1960 (the suggested target date) our hobby will expand another well earned bit.

To bring these happy events to home, our president Art Collins recently received a friendly letter from editor Cooper-which stated these plans along with a request to buy space in our bulletin. The space (a page for two running months) would be used to promote the "Journal". This kind offer on Coopers part got Art and I to thinking the matter over, in which we came up with the idea: "Why not give him the space free, if he will do the same for us"? Well Art wrote him back proposing this and other ideas, and soon a friendly reply was received giving the lunar-lite to the exchanges. This is a sound beginning, but matters here go much deeper than cross-promotional horn blowing. What we really want to attain is the end of all these harsh exchanges over such things as verifications etc! I know we would all enjoy our hobby more, if this could be done. The A.I.P.A. is on record for such an end right now.

So Bob (hope I don't sound sarcastic) but if you would consider a big tooth smile, and a friendly hairy hand extended your way from A.I. P.A. headquarters. And in the same vein we would like to resume your ivory and skin. I indeed hope all you A.I.P.A.ers will work towards this friendship goal. Remember were DXers, not politicians!

Till next time - Best DX and 73's  
King Schafer

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SPECIAL NOTICE---- Do to the overwhelming urge and plea that this Bulletin get out early and into your mailbox in time for the Oct. 9 bally-ho. The bulletin may not be complete in all its columns, any column that is omitted will be in the Nov. issue. There have been sum TV station tests arranged for this date. Notice in bulletin. Heres hopping Oct. 9 pans out.

Art

Well I said that this month I was going to tell you about the leading antennas if you don't know what they are already. I am going to give you information on the top four antennas. These antennas usually can be gotten at a price considerably less than retail through mail order distributors. All except the Channel-Master T-W that is. However a few companies sell models of the T-W with their own brand name. Whether these are duplicates or real T-Ws with a different name, I don't know.

Number one antenna is the Channel Master T-W. It had medium gain on the low band. A high to very high front/back ratio. Impedance match is fair to good. There is a slight roll-off on channel two, something that all these antennas listed had except the Winegard CL4-X. On the highband gain was from high to very high. With front/back ratios from high to very high. As I said this antenna is one of the best all-channels.

Number two antenna is the Winegard Color 'Ceptor. This antenna had medium results in gain or sensitivity on all channels except 11, 13 and high 9. The front to back ratio was from fairly high to very high on the lowband and from fairly high to high on the high band. Impedance matching was from fair to good over the spectrum.

Antenna number three is the Trio Zephyr. The gain (and somebody I know will kill me) was low on channel two with medium gain on the other lowband channels and high on the high band. The front to back ratio was reversed on channel two according to the report. Fairly high ratios were obtained on other lowband channels and high ratios on high band channels. This antenna also had a roll off or signal loss on channel thirteen. The impedance match was fair on all channels except 3, 4, and 5 which got ratings of good.

Antenna number four is the JFD Satellite-Helix. On the lowband it had medium gain. On the high band there was loss on channel seven. The front to back ratio or directivity was very low on channel two with high to very high ratios on the other lowband channels. On the high band the results ranged from medium, fairly high to high. However on channels seven and eleven the f/b ratios and beam width were irregular. The impedance match was rated from fair to good on some of you may be wondering what some of these words may mean. Below I'll give you their definitions according to my own knowledge and the information in Consumer Report.

Front/Back Ratio: Is the antenna's ability to receive signals from a desired direction which is the front and reject undesired signals which simply means the back. The better the front/back ratio, the less ghosts you will have in the picture.

Beam width: From the article--"By definition it is the width of an antenna's front lobe (the pattern of the antenna's sensitivity to signals within a certain area) measured at a specific point."

Impedance Match: This simply means that an antenna offers a certain impedance and so does a television set and if they don't match the picture may be fuzzy or ghosts which are called "internal ghosts" appear.

#### INSTALLATION TIPS

- I. Install the antenna as high and as far away as possible from surrounding obstructions.
- II. Use heavy duty guy wire. Make sure they are secure. Install lock washers as ordinary washers will rust.
- III. Always use load-in standoffs and do not have hanging lengths of line. Make a route as short as possible to set, clip any excess load in and avoid sharp bends. When the load-in enters the home, leave a drip loop so that water will not come in when it rains.
- IV. Always have a lightning arrester for your load-in and usually for your rotor cable and it is wise to ground the mast with a long wire. And last but not least don't sacrifice quality to save money when doing if you can avoid it.

Well, I'm going to wrap it up for this month. Hope you have good DXing.

Best of DX and 73's----- *E. K. ...*

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## Grants.

Ch 5 Weston, W.Va. (WJPB-TV)  
 Ch 11 Coos Bay, Ore.  
 Ch 23 Dallas, Texas. (Ed.)

## Applications.

Ch 10 Medford, Ore. 62.4Kw-37.1Kw.  
 Ch 9 Alpine, Mich. 65.3Kw-32.7Kw.  
 Ch 9 Wausau, Wis. 19.23Kw-8.89Kw.  
 Ch 26 Springfield, Ill. 0.705-0.490

Call letter assigned etc.

KNDO(TV) in Yakima, Wash.

Ch8 KNBS(TV) Walla Walla, Wash.

Ch 5 KFSA-TV Ft. Smith, Ark fr KNAC

Ch 7 WDAM-TV Lawrel, Miss. fr WTLM-TV

Ch 9 KNAC(TV) Hot Springs, Ark asked

for the appli KTLG(TV)

Ch 17 KLYD-TV Bakersfield, Cal=KICU

## Target Dates.

KXGO-TV ch 11 Fargo, N.D. Oct 1st.

WHYZ-TV ch 10 Duluth, Minn took the  
 air Sept 28, Full power and  
 1000' tower.. ABC-TV.....

CJSS-TV ch 8 Cornwall, Ont. around  
 1st of October.

## NEWS.

The News is scant for this month... with only to report ,

WVEU Ch 15 Norfolk, Va. soon to go to ch 13 and increase power.

WTHS-TV ch 2 (Ed.) Miami, Fla. to change trans location, increase height.

WLUK-TV ch 11 Marinette, Wis. application in for Ant change, height etc.

Ch 9 station KTRE-TV Lukin, Texas to go full time NBC-TV Oct 1st.

KJEO(TV) ch 47 Fresno, Cal denied temp operation on ch 2.

KNDO-TV Yakima, Wash! ABC-TV Oct 1st.

Welcome the following new mwmbers....

Bill Pagel 739 Revard Rd. Glen Ellyn, Ill.

Robert Berg 1324 Noble St. Norfolk 3, Va. (Bob, the TV-Guido tells Es etc

Walter C. Jacobs PO Box 97 Tumwater, Wash.

Ken Cooper 600-4th Ave. No. Troy, N.Y.

Walter B. Lehowitz 1036 3rd St. Miami Beach, Fla. (Walter would like to  
 receive the 1959 Gardington, Ohio tape.. send it to him

Charles W. Aghcom 16564 Cherrylawn Ave. Detroit, Mich. (K8IDZ)

Edward D. Bowker 54 Brook St. Keeno, New Hampshire.

Allen Moran Box 82 Worthington, Mass. (Hows that ch 26 mix-up, Allen?)

Welcome to another year in the AIPA. (Renewals)

Ronald A. Boyd Box 464 Truro, Nova Scotia. Can. (one of our old ones)  
 ( been in for years.

A/2c Bill Grant PO Box 701 Randolph AFB Tex. Bill got a promotion &  
 note address change.

Ed Albright 514 W. Jackson Blvd. Medford, Ore. Congrats on the new  
 baby, David. a new DXer  
 (Ed and Charles Wood plan a trip a top for the AIPA some day !  
 Mt Ashland on Oct 9th. 7,000' up.....)

Michael Evangelista 124 N. 5th St. Hamburg, Pa.

Raymond Bell Washington-Jefferson College, Washington, Pa. (Ray is  
 another old AIPAer,  
 into his 5th year)

Ronald Hilding Ballif Hall 638. University of Utah. Salt lake City, Ut  
 Ronald suggests the DX Editor in each section of the country pass  
 out the Report Forms.. The Editor knows who wants and uses them, A  
 good suggestion.....

Our good friend, B.J. Bingham 430 So Adams, Festus, Mo. has written a  
 story on TV-DX hobby and plenty mention of the AIPA for the St. Louis  
 Post Dispatch Magazine. will appear in the Oct issue. This is the  
 largest News Paper in state of Missouri, with magazine in the Sunday  
 circulation of  $\frac{1}{2}$  million. B.J. will send a copy for the asking.

Good work B.J. and send one here soon as possible (or S A P )  
 (soon as possible)

( IN CLOSING, MANY THANKS FOR THE OCT 9th. TESTS, BOYS!!

Pres.  
 Art Collins.

" AMERICAN IONOSPHERIC PROPAGATION ASSOCIATION "

\*\*\*\*\* TO BE OR NOT TO BE ? \*\*\*\*\*

Giacobinids Meteor Shower: of October 9-10th:

In 1946 the hobby of television DXing was not even an infant in toddlers clothes. A TV DXer in 1946 was defined as a resident of the suburbs of New York City (perhaps 40 miles from the Empire State Building) with a 60 foot antenna. In the fall of 1946 one of the most amazing meteor displays to ever be witnessed by man lite up the skies one chilly enening. And if there had been somebody watching at the right spot he would have been amazed to find reception of television stations good for several hours, from stations 1000 and more miles away. The date was October 9th., the meteor shower was one called the Giacobinids. Meteor showers such as the Giacobinids are caused by swarms of minute dust and stone particles which follow in the tail of a comet. The Giacobinids comet has a period of 13 years, for observers here on Earth. That means it returns to cross the earth's path once every 13 years..to the day.

October 9, 1959 will see the return of the Giacobinids Comet, and with it will come a tremendous concentration of meteor size dust particles. And during the hours in which the earth's path crosses this trail of dust particles known as the comets tail, millions of these particles will be swept up by the earth's gravity field, and huge meteor shower will result. According to all of the first issued predictions, the peak of this shower will occur around 4:30 PM (1630) local time. This meant the predicted best period for TV DXing via meteor bursts would be 1230-2030 LST. However, information released today by the Mt. Wilson Observatory indicates the whole shower "MAY" be a DUD. It seems that unlike 1946, the earth's trajectory and that of the comet are now some hours apart. This means the earth will pass by the comet before the comet passes by the earth. Or to put another way, unlike 1946 when the comet passed in front of the earth's path, and the earth than passed through the comets tail which included the huge swarm of dust particles, it "appears now" that the earth will pass by the comet and then the comet will pass through the earth's wake. If this latest prediction is so, the Giacobinids shower may have almost no affect on the meteor burst rate. Only time will tell... It is interesting to note that visual astronomers who have volunteered to count the meteor shower visual count that evening have now been assigned to be especially wary from 2200 LST to 0700 LST (2200 On the 9th til 0700 on the 10th.) It may be safe to assume then that no one is very sure what is going to happen. Your DXing observations will be the basis for a good deal of study. The whole period from noon on the 9th until noon on the 10th bares careful observation..... Good Luck!

Our thanks to Bob Cooper- Editor & Publisher, the JOURNAL for the latest information on the above October 9th. Meteor shower.....

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AIPA.

(NOTICE)

There are several TV-DX TESTS taking place for the Oct. 9th and 10th. See SDX column, by Donald Ruland and John O. Broomall's column. I hope we get all the columns in for this early mailing.... We are getting this column out in time to be in your hands for the tests. (any late columns will appear in next issue.

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At Deadline: Renewal in also from Morris Foote, Box 153  
(Morris has a new RECORDER & would Conv. Tapes) Middleton, Idaho.

AIPA.

Oct 6, 1959.

RAMBLINGS by Gordon E. Simkin. 1599 Austin Ave.

Idaho Falls, Idaho.

It has been quite a while since I wrote anything for the AIPA bulletin. The main reason for this is simple - A lack of time..... My new job is that of Instrument Engineer for the Organic Moderated Reactor of Atomics International (a division of North America Aviation) My work is 50 miles from home, and I had to move in such a hurry that all my "stuff" is in a very disorganized condition. Hence, I need a lot of time to get it properly put away. We also bought a new house, and there are a lot of things to do here at home. I am also taking a more active part in the local church activities. Spare time is just non-existent. Therefore, I have asked Art Collins that I please be relieved from the monthly IDX column. I have just recently been notified by Art that he has arranged for Byron Rawlings of Montreal, Canada to conduct the column. I am sure Byron will do a good job. I have sent a brief column for this October issue. "Comments on IDX outlook this Winter"-

\*\*\*\*\* IDX-- Now for some briefs. I have not been able to make any regular checks of F2 DX, so date predictions are not possible. However, monthly predictions from CRPL indicate that they expect this winter to be as good or better than last summer, despite the drop in sunspot count. All F2 values in North America are as high or higher than for the same time last year. Reception from Europe can be expected to equal or better the average days in 1958 in all locations. Actual times of the day should be about the same as before.

Transcontinental DX on channel 2 is not out of the question. And winter-time Es may outshine all other winter openings. (One comment here- Es do not stand for "E skip" but for sporadic E. "E skip" would mean any skip from the E layer of the ionosphere, which is a very regular and predictable months- even years in advance. Sporadic E is not predictable with much accuracy. Our club does use a lot of terms and abbreviations that are coined by us and for us, but when we use a scientific term, let's use it correctly. This will help our club in the eyes of all who know the true meaning of the terms., Thanks.) I will be touch with Hdqs. from time to time..... (sorry, but I can't answer personal.) Good DX & IDX-----

Gordon E. Simkin.

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We are thankful to hear from Gordon again and be sure we'll let you know of any word received for him.

As mentioned in above- There is to be a new IDX Editor, that being Byron Rawlings 4376 Wilson Ave. Montreal, Que. Canada. Byron has offered his services for this column, and we are sure he will give it his all. This is one of the tough columns to conduct, takes a lot of "know how". May I urge all DXers in the way of F2 etc to give Byron all the support you can and furnish what material you can. (In fact, I mean to support all your Editors too !)

We received a few offers from other members too and many thanks for your offers.... It's nice to see members come to your aid when you need them, Thanks.

A special REQUEST from the Pres..... Will all members mail me a card (who want to tape messages) . List your make recorder- what size reel it takes- what speeds- dual track-four track-single track etc... A list will be compiled..... Art Collins.



## USE OF OFFSET FREQUENCIES TO AID IN IDENTIFYING STATIONS

By Carter Bays

October 6, 1959

Perhaps many of you have no idea what this is all about; If you were at the convention, however, you may have been exposed to a rather poor demonstration on my part of this technique which, carefully employed, will allow the alert DXer to know almost infallibly what station is coming in with no more than interference from the station. I should stress, however, that this technique should not be used as a substitute for actually ID-ing a station even though one may be positive of its identity.

And now for the much needed explanation. When the FCC allocates channels, the allocations for a given channel are not all on the same frequency. Most allocations are "offset" 10 KC (1/3 are offset plus 10 KC; 1/3 are offset minus 10 KC). Only 1/3 of the allocations are for the "true" frequency. Now, all DXers have seen the big horizontal black bars that occasionally result when two stations on the same channel interfere. These big black bars result only when two stations have the same offsets (i.e. Both have a + 10 KC offset; both have a - 10 KC offset; or both have a "zero" offset and are therefore on the true frequency). If the two stations in question have different offsets the bars are much finer, less noticeable, and (in cases where one signal is stronger than the other) have a less detrimental effect upon the picture. Thus, by assigning stations to different offsets the problem of co-channel interference is somewhat alleviated.

As I have just said, stations on a given channel are in three groups of offsets: plus 10 KC, minus 10 KC, and zero KC, or +, -, and 0. Two co-channels stations from the same group will always interfere with large horizontal bars (fewer than 30 bars across the picture - usually 5 to 10). Two stations from different offset groups will interfere with small bars (more than 70). There is no "in between" situation (i.e. 40-50 bars). There are obviously two possible groups for small bar interference

1. When a 0 offset station interferes with a + (or-) offset station (I will take the liberty of calling these "adjacents")
2. When a + offset station interferes with a - offset station (I will call these "opposites").

Now, there is a small but usually easily perceptible difference between the interference of opposites and that of adjacents. Adjacents almost always interfere with tiny (more than 90) horizontal bars, whereas opposites always interfere with small bars that are not quite horizontal, but are slanted very slightly from right to left. Usually there are between 70 and 90 bars across the picture.

A good example of adjacents interfering (for the Buffalo boys) would be WJRT-12 and WICU-12. An example of opposites would be WNEM-5 and WEWS-5.

Next month -- More explanation, more examples, and how this technique can aid the DXer.

Look for that Fall tropes!!

73,

Carter Bays  
Culver, Ind.

I have arranged a DX test with CJIC-TV, Sault Ste. Marie. It will be on October 29th from midnight to 4:00 E.S.T. It will consist of station identification cards with recorded music. The address for this station is; Dave Irwin, CJIC-TV, 119 East Street, P.O. Box 370, Sault Ste. Marie, Ontario.  
Bill Niemen

RANK COLUMN

October 6, 1959

By Walter Spaulding

Well another month has rolled by and again not much to report for this column. All new members are welcome to send me any reports & I will be very glad to type them in this column. It can consist of a number of things such as verie signers (the latest preferred as some signers are either transferred or taking other jobs, also sign on and off times of your local stations and if they have test pattern on before or not. Also your total stations logged at least once a year. Listed below is a very good example.

The following is a listing of Edward Rugel Independence, Kansas.

Total stations logged	203			
Total stations verified	201	(Only one not verified	XEZ-3 & KCRA-3	
Channel 2	33 stations	Best	WGBH	1360 miles
Channel 3	31 stations	best	CMQ	1395 miles
Channel 4	37 stations	best	WBZ	1375 miles
Channel 5	32 stations	best	KTLA	1315 miles
Channel 6	21 stations	best	CBMT	1310 miles
Channel 7	12 stations	best	WTRF	860 miles
Channel 8	9 stations	best	WOOD	665 miles
Channel 9	5 stations	best	WTOP	1030 miles
Channel 10	6 stations	best	WKNO	355 miles
Channel 11	3 stations	best	WHAS	555 miles
Channel 12	6 stations	best	WKRC	640
Channel 13	8 stations	best	WTVT	1040 miles
Total low band	154	verified	152	Total high band 49 verified 49
Percentage of stations verified 99.01%				
Most new stations logged in one day 12 (July 8, 1957)				
Number of states verified 39 and D.C.				
Number of Provinces Canadian 5 Cuban 2 Mexican 3 Total 10				
Longest tropospheric reception: CHCT 2 1340 miles (Low band)				
Longest tropospheric reception: WTOP-9 1030 miles (High Band)				
Longest skip reception; CMQ-3 1395 miles				
Longest skip reception; WTVT-13 1040 miles				

I think this report is a very good report and it would be nice to have each member send in his.

Now on the sign on and off times there has been some different opinions as say if the help or not. As most stations have a late movie at the end of each day when I give the times I figure a hour and a half from starting time of movie. Of course it may vary but if you do have a station you can almost judge the time if you know when it starts. Some stations flash there call letters on the screen usually on the hour like WJW & KYW here in Ohio also I seen the call on WSJV 28 South Bend the other night and it is a very good thing I do beleive. As to verie signers if you send in for verifications as I do if the latest signer is known usually the Chief engineer it is much more polite to address it to him I think I get better results that way. Of course some stations (some here in Ohio) won't answer at all. I got a letter from WOSU 34 here in Columbus stating they will answer all letters sent them and at the present time they sign on at 0900 with programing off two or three hours in the afternoon but have test pattern on then with sign off at 2100. Well so much for this month report sorry haven't any more to report but all reports will be reported.

Your Rank Reporter

Walter W. Spaulding R.D.#3 Cardington, Ohio



**TV-DX TEST \*\*\*** I have arranged a test with station CJIC-TV Sault Ste. Marie. It will be on Oct. 29th from midnight to 4:00 E.S.T. It will consist of station ID cards with recorded music. The address for this station is; Dave Irwin, CJIC-TV (ch.2), 119 East Street, P.O. Box 370 Sault Ste. Marie, Ontario.

Frank Wheeler, Erie, Pa.----Es, Sept7, KFEQ2. Via tropes, Sept5, WOOD8; Sept6, WNEM5 WRO4; Sept10, 11, WNEM5; Sept12, WNEM5 WWTV13; Sept20, WNEM5. His log is now at 130. Frank has a new CL4X Winegard.

Thomas J. Hidley, Chicago, Ill.----Es, Sept19, KTV03. Via Ms, Sept16, WCBS2; Sept23, WMAR2. Via tropes, Aug.25, KMOX4 KYW3; Aug26, WLWC4; Sept4, WIIC 11; Sept13, WLUK11 (new call letters. His log is still at 117 with 104 Polaroid pictures.

Ed Prond, Dolton, Ill.----Es, Sept6, KRON4 (1850 miles). Via Ms, Sept7, WKY4; Sept15, WKY4; Sept17, WKY4; Sept20, KRLD4. Via tropes, Aug27, WXYZ7; Sept4, WICU12; Sept7, KMOX4 WGEM10; Sept16, 17, KMOX4. Ed has ordered a new Channel Master automatic rotor. Its suppose to make degree adjustments. His log is now at 125 with 1 new.

Ferdinand Dombrowski, Okauchee, Wis.----tropes, Aug17, KTV03 WGEM10; Aug18, WNEM5 WJRT12 WWJ4; Aug27, WWTV13 WPBN7; Aug29, WCC04; Sept1, WCC04; Sept4, WWTV13. Via Es, Aug31, KFBC5 KTW02 KTVR2; Sept7, KTVR2 KFBC5. Via F2, Tent. channel 2 in Alaska. His log is at 173 with 4 new.

Lawrence Koster, Dearborn, Michigan---He has logged 52 stations among them are, WGN9 and also all Mich. stations except 9, 11, 13.

Jim Grover, Alberta, Canada,---Jim has a new baby just a month old. Some of the stations he has logged are, KTVK3 CJLH17 CJLH televised the snapshot on there late night news. KPH05 KNXT2 KTLA5 XETV6 WCIA3 (1500 miles) KARD3 KFEQ2 WGR2 (2100 miles) KGNC4 WTMJ4 KDUH4 WFRV5 KMMT6.

Richard Nieman, Buffalo, N.Y.----Es, Sept6, KARD3. Via tropes, Sept5, WIMA35 WANE15 WKJG33; Sept6, WTPA21 WJIM6 WILX10 WOOD8 WKBN27 WDAU22 WSYE18 WJZ13; Sept8, WTVS56; Sept11, WGN9 WTTW11; Sept23, CBOT4; Sept24, WGN9 WTVS56 WKST45 WKBN27 WDCD19; Sept25, WIMA35 WTVS56 WKNX57 WANE15 WKJG33 WTPA21 WNDU16 WSBT22. Via Ms, Sept26, WCTV6. His log is at 225 with 1 new.

Billy Draeb, Kewaunee, Wis.---- Es, Aug31, WWL4; Sept6, KBTX3; Sept7, KOTA3 KDUH4 KTBS3 KRLD4. Via tropes, Aug24, WTCN11 WTOL11 KMSP9 WNDU16 WSBT22 WSJV28 WTPA21 WANE15 WKJG33; Sept30, WISH8 WTHI10 WTOL11 WXYZ7; Sept 4, WNDU16 WSBT22 WSJV28; Sept6, WJW8 WJBK2 WXYZ7; Sept12, WISH8 WKRC12 WCP09 WTHI10 WLWI13 WCC04 KOLN10 KETV7 WBNS10 WHBF4; Sept14, WANE15 WKJG33 WMTV33 WTVO39 WMBD31 WEEK43.

John Cody, Middletown, Conn.----Ms, Sept2, WNBQ5; Sept3, WLWT5 WAGA5; Sept18, WNBQ5; Sept22, WNBQ5; Sept14, WNBQ5 WAGA5 . Via tropes, Aug25, WTOP9 WLSL10 WTV11 WRVA12 WSJS12 WWLP19 WCDA41; Aug26, CBFT2 CBMT6 WTOP9; Sept 5, WWOR14; Sept8, WINR40. His log is now at 218 with 3 new.

Albert Kopec, Himrod, N.Y.----Es, June8, WKRG5 WBRZ2 KARK4 KPAC4 WWL4 KFEQ2 KCKT2; Junell, WJXT4 KSD5 WESH2 WBR6 KHAS5 KVO02; Junell2, WTVJ4 WPSD6 KFEQ2; Junell3, WUSN2 WJXT4 WESH2; Junell7, KOTV6 WRBL4 WAIQ2; June26, WSB2 WBRZ2 KARK4 WCB14 WWL4 WBRZ2 KPAC4; July12, WESH2 WJXT4 KFEQ2. Via tropes, WAST13. His log is at 80 with 9 new.

Bill Pagel, Glen Ellyn, Ill. (NEW MEMBER) use to be interested in SW-DX but said that he likes TV-DX better. His log is at 38, his best are Boston and El Paso

Michael Evangelista wishes to thank the following; Jimme Prieh, A-2C Bill Grant, Don Ruland and Herman Burritt. His log is at 103, new stations are WBAP5 and WHDH5.

John Cody reports that WTIC-3 will have there TP on from about 1:00 to 2:00 on oct. 10.

Remember that TV-DX test with CJIC-TV. New stations for me are WIMA35 WKNX57 WTVS56 WKJG33 WTPA21 KNXT (2195 miles) log at 168 B.N.

SDX Column  
October, 1959

--Compiled by: Donald Ruland,  
834 8th St., Holly Hill, Fla.

Repo rts seen to be rather slim this month...very rather slim. Judg-  
ing from Bill Meers report with the 285-mile tropo, poor DX is not  
the reason for the poor support of this co lumn. If you live in the  
SDX area, please send you r reports--no matter how small--to me by  
about the 27-29th of the month. Now for the reports as of today,  
September 30. (new stations are underlined)

Bill Meers, LaGrange, Kentucky---Via tropo: July25, WATE-6  
WTVG-9; July26, WBEM-2 WKZO-3; July28, WDEF-12; July31, WTMJ-4  
WPKB-7 KFSV-12; Aug1, WTRF-7 WSLs-10 WDBJ-7 WBOY-12; Aug2, WOOD-8  
WTRF-6 WKZO-3 KHQA-7 KFSV-12 WTMJ-4; Aug3, WJW-8 KYW-3 WFBG-10  
WICU-12 WIIIC-11 WOOD-8 WXYZ-7 WBOY-12 WDBJ-7 KHQA-7; Aug4, WILX-12;  
Aug5, WJW-8 WSLs-10 WBIR-10 WNBQ-5 WBEM-2 WISN-12; Aug8, WLOS-13;  
Aug12, KRCG-13 WTTW-11 (over local); Aug13, WTOL-11 KPLR-11 WILX-10  
KTVI-2 WSPD-13 WJBK-2; Aug16, WBEM-2 WNBQ-5; Aug23, KHQA-7; Aug30,  
KHQA-7; Sept3, WLOS-13 WJHL-11; Sept11, WLOS-13 WJHL-11 WDBJ-7  
WGN-9; Sept12, WJRT-12 WHBQ-13 KOLN-10 (620 miles) WOW-6 (585 miles)  
WKZO-3 WPKB-7 WJBF-4 WOC-6 WCHS-8 WXYZ-7 KWFV-9 (685 miles); Sept14,  
WILX-10 WLEX-18 WKYT-27; Sept16, WJHL-11; Sept18, WJHL-11 WLOS-13;  
Sept20, WTRF-7; Sept21, WOOD-8 WSPD-13 WTOL-11 WDBJ-7; Sept22,  
WPKB-15; Sept24, WILX-10. Via Es: Aug10, CMQ-2(?) CMAB-2; Aug31,  
WDAY-6 KXJB-4 KMID-2; Sept6, CBFT-2; Sept7, CKCK-2 KDIX-2 KOOK-2.  
Log now at 160, with 17 new. Very FB on the tropo, Bill!

Richard Bergen III, LaGrange, Kentucky---Via Es: Aug31, KDIX-2  
KXJB-4 WDAY-6 KOOK-2 KMID-2; Sept7, CKCK-2 KDIX-2 KOOK-2. Log now  
at 78 (44 verified), with 2 new th is month.

Donald Ruland, Holly Hill, Florida---Via tropo: Aug31, WJBF-6;  
Sept11, WJBF-6; Sept11, WSB-2; Sept27, WSB-2 WAGA-5. Via MS: Sept11,  
WBEM-2; Sept15, WBEM-2; Sept21, WBEM-2 WAVE-3; Sept30, KCMO-5. Via  
Es: Sept2, WTIC-3; Sept26, KFDX-3. Log still at 133, with 122 verifd

The LaGrange DXers, Bill Meers and Richard Bergen, plan to write an  
article in th e Louisville newspaper, on TV DX and t he AIPA. They  
would like some photos from AIPAers to use. Of course, all DXers  
whose ph otos are used will be given credit. All photos will be re-  
turned.

Several AIPAers said th ey would like a TV DX contest for all areas.  
So, I have devised a special contest for the period from 0500 EST  
on October 9th, to 0300 EST on October 10th. All low-band stations  
IDed via MS will count 1 point, high-band will count 5, and UHF 15.  
This is open to all AIPA men bers, and the person with the highest  
numbereof points will receive 5 dollars. Please send me a complete  
listing of you r results in time for the November SDX column.

The SDX Sa late for October goes out to Norman Erint of Kenmore, N.Y.  
Norm, age 20, is attending Erie County Technical Institute, and is  
takin g Mech anical Technology. His DXin g equipment consists of:  
a 1955 Capehart TV, a Bogen Booster, 2 Winegard CL4X's stacked at  
66 feet, and twin JFD bowtie for UHF. His log now stands at 200,  
an d his best DX catches are: low-band--CBUT-2 at 2140 miles, high-  
ban d--KWVL-7 at 685 miles, UHF--WKJC-33 at 350 miles. Seven VHF  
stations with 60 miles scare a lot of the DX away. Other hobbies  
include: fishing, BCB DX, bowlin g, and corresponding with AIPAers.  
The old SDX hat is off to another fine AIPAer!!

WLOF-9 (Ornlado, Fla.) will run a special AIPA test from 0030-0300  
EST on October 10th. Their IDed TP will have "AIPA--TV DX Test"  
written on it. Reports to Dood Daniel.

Until next month---

Best of DX & Oct. 9th,  
Donald Ruland, SDX.

"NEWS IN BRIEF"

First of all my I please beg your pardon for being such an awful typist. I was very sorry that I had made such an error in printing the Armed forces t.v. stations and accidentally hitting the  $\frac{1}{2}$  instead of the dash (-) mark. please forgive me.

JIM ..our new member of Richmond, Missouri writes that he is a student PIRCH..at Richmond High School. He has a RCA tv..a Winegard Antenna and a Cleartuner Booster...is planning to get a rotor in the near future. Started DXing on June 6th of this year when he rec'd CKCK-2 and found out about the AIPA by reading my letter in the Pop Electronics magazine and the TV Guide article. Thanks so much for writing, Jim...Best of dx to you.

BEDFORD..of down Austin Texas way writes that he thought he was never BROWN.. going to send in a report again, due to <sup>no</sup> access to a tv set. Well, I was certainly pleasantly surprised to hear from you again after all this time. Bedford did manage to get in some dx tho while home in Hot Springs and logged two new stations bringing his total up to 336. Sure nice to hear from you!

DENNIS..OF Calif., writes that he is looking for old AIPA Bulletins. SMITH. He would like to borrow them, copy them off, and return them to the owners. He is interested in bulletins on and before Oct. 1955, also the bulletins of Nov. 1956 and Dec. 1957. If you have any of these, and wouldn't mind loaning them to him for a couple of weeks, could you drop him a card first, so he wouldn't get duplicates? His address is 2600 Ridge Road., Berkeley 9, California.

RON ..of Phoenix, Arizona writes that on Oct. 9 he will be in Salt HILDING..Lake City with neither time nor equipment to do any tv-dxing. Sure sorry Ron..but then perhaps Oct 9 will turn out to be no better than Oct. 6..hi..About a month ago aurora was seen in Gila Bend, Winslow and in Colorado Springs, Colorado. Ron wasn't dxing at the time..but nothing out of the ordinary was noted. His log is now 124..with 24 new this summer. A tentative WLWT-5 turned out to be a now verified WEWS-5..a nice double hop skip. 79 stations have been received from over 1000 miles and CMQ sent him a "thank you for the report". He notes that when Ed Hepp and I were receiving WBRZ-2 and WLW-4, a couple of months back..he was also receiving them. Lots of luck in your school year Ron..and write when you have time.

ED ...of Pocatello, Idaho..the C.E. of radio station KWIK has been HEPP....a very busy young man..hence very little correspondence has taken place between your editor here and Ed...however he did send a tape over a few weeks back..which he taped while he was doing a "ON THE AIR" DJ show. It turned out to be most interesting..and also very pro....I'm real glad you have such a good job Ed...and I know you are attending College also over there by now..but gee whiz, sure wish you had a little spare time. Best of luck to you.

ART ..of Buffalo, New York...a new member (?) wapes that dx is al- COLLINS. most nil up that away now...Poor Art has been ill with the flu...really had a rough time..such high fever..do hope he is better by now.

"W H O   S A W   W H A T   &   W H E N "

DENNIS. sends in his last report probably for awhile anyway, from SMITH Wasco, Calif.. He won't be able to catch the ms on Oct. 9, but maybe he will catch it in 1972, hi...Sept. 2, KHSL-12 tropes. KVIP-7 tropes. Sept. 7, KVIE-6 tentative by tropes and CHBC-2 by skip, NEW. total 95 plus 1 tent. (KVIE).

Bedford. logged the following at Hot Springs, Texas. Sept. 14, CJIC-2 Brown KTVR-2KOA-4/KREX-5/KTVT-4 tent/KSL-5/KCSJ-5/KID-3/KTLE-6 tent/KUTV-2/CBUT-2/double hop. all by E skip. Sept. 16, WTAE-4 new via ms. total logged now 336. Sure wish you could get in more fixing in that great state.

JIM .of Regina, Sask. CANADA, notes in his log that tropes were rec'd DILLON.in all directions for the first time for him on the night of Aug. 18, bringing KXMC-13/KMOT-10/KUMV-8/CJFB-5/CFQC-8/CKBI-5/new/and KFVR-5 new/ Sept. 10, CJFB-5/Sept. 12, and 13, CJFB-5/Sept. 15, CFQC-8. 2 new this period..new total 85.

EDWIN .of Derby Kansas has a total of 223 now, with 1 new for this SHOREY.period..being KCRG-9 by tropes on Sept. 2. His log reads: Aug. 31, WFMY-2/WUSN-2/WCSC-5/ all by Es. Sept. 2, KWWL-7/KOMU-8/KRNT-8/WHO-13/KCRG-9/ all by tropes. Sept. 4, KLTU-7/WFAA-8/Sept. 6, KHQA-7/WFAA-8/ Sept. 11, KRNT-8 all by tropes.

JIMMY ..of Richmond, Missouri , has logged 64 stations now..with 44 this PIRCH year, has 39 veries and expecting about 12 more. Aug. 19, KCKT-2/Aug. 23, KLMT-6/KVTU-9/KTUL-8/KWTV-9/KOTV-6/ Aug. 25-28 KVOO-2/Sept. 6, WESH-2/ skip, Sept. 7, CBFT-2 skip/Sept. 10, WHO-13/Sept. 12, KARK-4/KTHV-11/Sept. 13, KWTV-9/WKY-4/ Best of DX to you Jimmy.

DEE . your editor here, has a very poor log to type up..but here JOHNSON. goes: Aug. 29, KNXT-2/KRCA-4/KTVK-3 all by skip. Sept. 3, strong Aurora ch. 2 thro 7. Sept. 7, KNXT-2/KEYT-3/KRCA-4/ all by skip ..also XEM-3/KTVR-2/KOA-4/KOB-4/ and several unid stations ..all skip. Sept. 8, KTVR-2/KOA-4/ by skip. Lots of ms rec'd from the usual stations such as..KTU-2/KNXT-2/KUTV-2/KOOK-2/CKCK-2/KTVK-3/KRCA-4/KTLA-5/KTVR-2/KTWO-2/KNOP-2.

GORDON. of over in Idaho Falls, Idaho managed to log the magic # 13 SIMKIN. of new stations again this month , for the third time in a row!! This brings Gordon's total logged up to 39 stations. His log begins with Aug. 23, unid ch.4 by ms/unid ch.2 and 4 by Es..with the ch.4 being a possible KPAC. Aug. 25, unid tropes on ch. 2,4,and 5. Aug. 26, KTVT-4 by tropes. Sept. 3, aurora on ch. 2-6..no ID's. and some FM from Portland, Ore. Sept. 4, unid ch.2..via aurora, and aurora noted on ch.2,4,5. Sept. 6, unid IHTP on ch.2 and 3 by ms. Sept. 7, KUTV-2 by tropes/Es noted on 35-43 mc..no TV-DX/(then later in the day.. WMT-2/KTIV-4/WDI-?/WDAF-4/KCMO-5/KVOO-2/KRLD-4/KTVI-2/KALB-5/KSD-5/WBAP-5/KPRC-2/ all by Es. Several FM stations were rec'd also..WRR-FM in Dallas,KRLD-FM amazing DX says Gordon. Sept. 10, unid tropes ch. 2,4&5. Sept. 14, unid ch.2 by ms. Sept. 15, tropes on ch.2,4,5. and KPRC-2 by Es. /KUED-7 by tropes, and a pageing station was heard from Houston, Tex. on 35.mc. Sept. 16, KTVT-4 tropes and KSL-5 by tropes. Sept. 18, KDLO-3 by ms./Sept. 20, unid IHTP-2 by ms/aurora noted on ch. 2,4,5, Sept. 21, aurora noted on ch. 2,4,5 again and unid ch.

CON'T ON NEXT PAGE

CON'T..

"W H O S A W W H A T & W H E N "

GORDON

SINKIN..7 possibly Boise. KLIX-11 by tropes/and aurora noted later on ch. 2,4,5,7,8,10. Sept. 22, unid ms on ch.2-6/ and WMT-2 by ms/Sept. 24, KLIX-11 tropes/KTVB-7 tropes/KXLY-4 tropes./Sept. 25, WLLQ-4 by ms/KLOR-11 by tropes/. Real nice log Gordon..here's hoping you hit 13 again next month..

" N E W S I N B R I E F "

con't..

GORDON

SINKIN.to continue with Gordon, he writes that his antenna is now up about 20' above ground with a rotor on it. He just bought 15' more of mast to go from the top of the roof, which will put the antenna up about 10' higher, and give him room for more antennas (1-ham, and maybe one UHF). His old tuner on tv only tuned up to ch.8, so he installed a new cascade tuner and logged some ch.7 and 11 DX, and also notes that MS is better. He will be one of the lucky ones and will have Oct 9, off of work, bar no trouble, so will get to watch the tv most of the day..here's wishing you luck...

DONALD.of Holly Hill, Fla, writes that his new Zenith tv turned out to be a 1959 model..not a '60, and only had 18,000 volt CRT, so he complained..and is now awaiting his 1960, 20,000 volt TV set. Donald sent me a interesting article about the now famous KLEE-mystery. I shall not go into it here tho, as I understand that Art is going to write on the subject..but thanks alot for letting me read it, Donald. WTIC-3 on Sept. 2, was the only Es seen since Aug. 19 down there in Fla., ..with not even any tropes seen in a long time. Hope your luck picks up.

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To wind this all up for this month, may I say...We really had more than our share of Es this summer..but boy when they left, they really left. Best of luck to all of you in the coming ~~month~~ month of DX...and try and write..I know lots of you are real busy..at jobs and school..but tell us allabout it.. Here's hoping that this column carries lots of unusual dx for Oct. 9, in the Nov. issue...

See you Next Month.,  
DEE